

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Cancelled)
2. (Previously Presented) An apparatus as claimed in claim 6 wherein said digitally encoded data is encoded in a fault tolerant digital form using a Reed-Solomon process and said means for processing and decoding said data includes means for processing said Reed-Solomon process.
3. (Previously Presented) An apparatus as claimed in claim 6 wherein said invisible ink is an infra-red absorbing ink, and wherein said invisible radiation is infra-red light.
4. (Previously Presented) An apparatus as claimed in claim 6 wherein said ink jet printer means includes means for printing out on a print media attached to said ink jet printer means both the visible image depicted in the photograph and the digitally encoded data,.
5. (Previously Presented) An apparatus as claimed in claim 4 wherein said digitally encoded data is encoded in a fault tolerant digital form using a Reed-Solomon process and said means for processing data output from the scanner means includes means for processing said Reed-Solomon process.
6. (Currently Amended) An apparatus for reproducing a visible image depicted in a photograph, the photograph also carrying digitally encoded data printed in invisible ink, the digitally encoded data having pixel values for all pixels in the visible image, the apparatus comprising:
  - ~~\_\_\_\_\_ a scanner means for scanning the digital data to produce a bit image with a plurality of copies of data relating to the visible image depicted in the photograph, the scanner means having a scan resolution at least twice that of the print resolution of the digitally encoded data such that the scanner scans all the digital data in a single scan;~~
  - means for advancing the photograph through the scanner means;

an illuminating means for illuminating the photograph with invisible radiation~~means for illuminating the photograph with invisible radiation;~~

a sensing means for receiving the invisible radiation illuminated on and reflected from the photograph by the illuminating means, the sensing means adapted to detect an interaction of the invisible radiation with the digitally encoded data carried on the photograph;

a top substrate in which the illuminating means is encased, the top substrate being transparent to infra red light and having a semi circular cross section in a portion thereof, the top substrate further having a elongated recess in another portion thereof, the elongated recess adapted to receive therein the sensing means;

an array of microlenses disposed on the top substrate, the array of microlenses being arranged on the top substrate to focus the radiation reflected from the photograph onto the sensing means;

means for processing data output from the scanner means, the means for processing data including means for decoding the plurality of copies of data relating to the visible image from the digitally encoded data scanned by the scanner means; and,

inkjet printer means for receiving data from the means for processing data to print the visible image depicted in the photograph, the data used to print the visible image being generated using one of the plurality of copies of data relating to the visible image which the means for decoding correctly decoded from the digitally encoded data.